**MODULE 2: FUNDAMENTALS OF PYTHON**

1. How memory is Manage in python?

Ans: Memory is managed in two parts in python.

First: Stack memory

Second: Heap memory

Memory allocation will depend on objects and types.

Local variables, primitive data types and functions calls this will allocate in stack memory. Why we call stack memory allocation because allocation happens in function call stack. While all value objects, Global variables, non primitive data types, data structure are allocate in Heap memory.

2. What is the purpose of continue statement in python?

Ans: The purpose of continue statement in python is to skips the execution of current iteration and continues to next iteration.

For ex:

A = 0

While (A<5):

A = A + 1

If A ==3:

Continue

Print(A)

1. What are negative indices and why they are used?

Ans: Negative indices are the indices from the backward of sequence. They are used to access the element from the end. This negative indices are very useful for getting last few elements of sequence otherwise we have to perform different operations like reversing a sequence.